



Water Blocking Shielding Tapes PERMABLOK™ P26WB

Construction: 0.00150" (38μ) water swellable coating
 0.00035" (9μ) aluminum foil
 0.00090" (23μ) polyester film
 0.00035" (9μ) aluminum foil

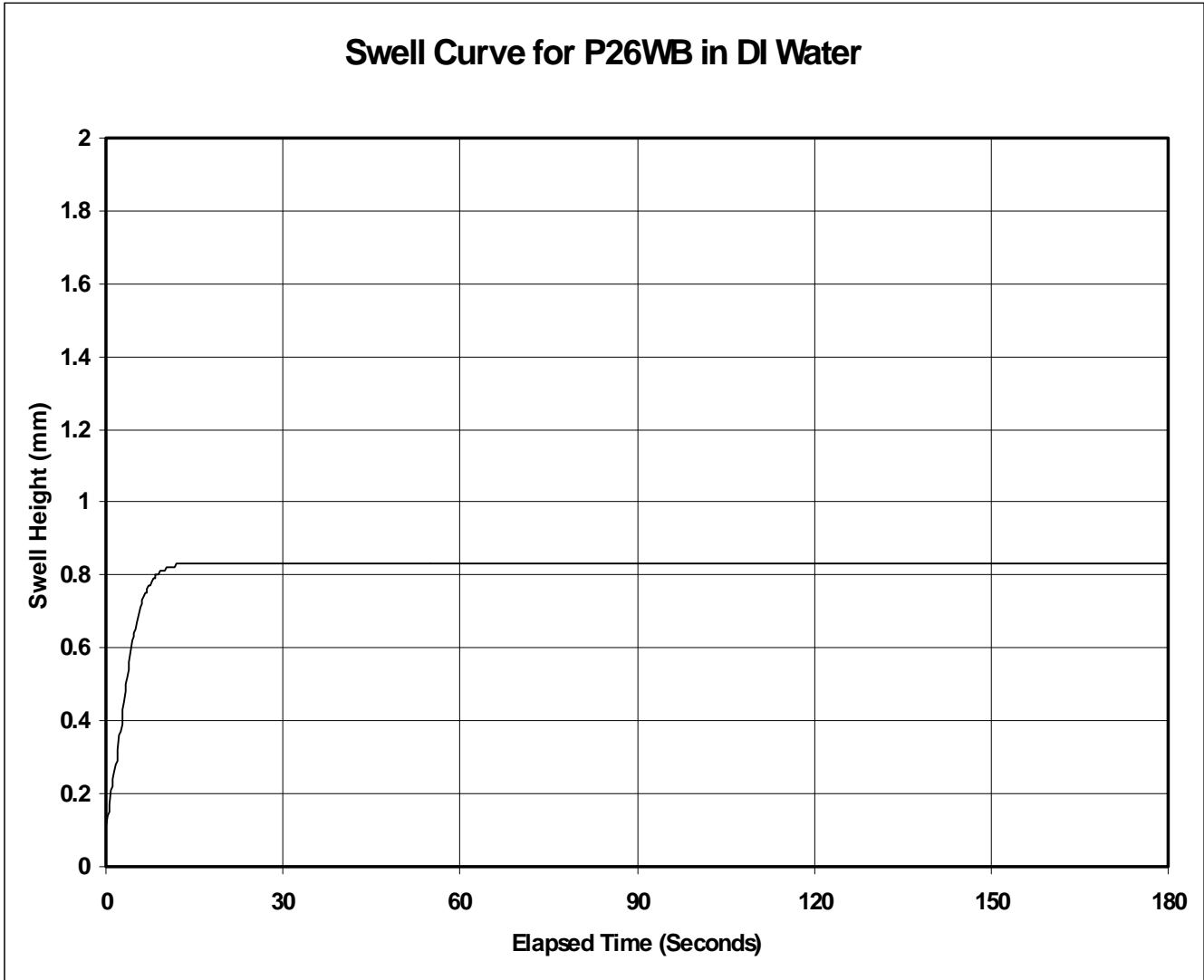
Description: Three ply water blocking shielding tape frequently used as the non-fusible outer shield in quad-shielded CATV cable. One side has a water swellable coating which prevents movement of water through the length of the cable. This water blocking action allows the cable to pass Bellcore Water Penetration Tests (TR-NWT-000421, Sections 5.4.6.1 and 5.4.6.2) for many cable geometries.

Typical Properties	US Customary	Metric	Test Method
Thickness	0.0033 inches	84 microns	ASTM D374
Yield	59.3 ft ² /lb 1.41 lbs/mft @ 1" wide	12.1 m ² /kg 0.82 kg/km@ 10mm wide	NEPTCO TM-002
Tensile Strength	9,000 psi	62 MPa	Calculated
Break Strength	26 lbs/inch width	46 N/10mm width	ASTM D882
Elongation at Break	65%	65%	ASTM D882
Electrical Resistance	21 Ω/mft @ 1" wide	175 Ω/km@ 10mm	Supplier Data
Swell Speed (1 min)		0.8 mm	Cup and Ram Test
Swell Height (3 min)		0.8 mm	Cup and Ram Test
Gel Strength (unaged)		66 Pa	Slump Test
Time Constant		3.3 sec.	Calculated
Colors	Natural (Clear)		
Splice Type	#10, max. 6/pad or max. 1/1000' for traverse packages		
Standard Pad Put-ups	Core ID - 3" or 6" Core OD - 12" or 18"		
Standard Traverse Put-Ups	3" x 5.75" x 3.5" - narrow slit material 3" x 11" x 3"		

PLEASE SEE REVERSE SIDE FOR SWELL CURVE INFORMATION

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*ASTM Test Methods are listed for reference only. Actual testing performed according to modified equipment and conditions. Specific test methods available upon request.

The data presented here is intended for product selection purposes only. Typical properties represent data characteristics of the product, but do not necessarily reflect minimum values during normal testing. Specification data can be provided upon request.